

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A system for controlling the operation of an electronic device by a user, comprising:

at least two transmitters in communication with said electronic device, wherein said transmitters are adapted to be worn on said user's fingers, and wherein at least two of said transmitters are worn on fingers of the same hand;

at least one receiver configured to receive signals from said two transmitters; and

a control module in communication with said receiver and configured to send control signals to said electronic device.

2. (Previously presented) The system of claim 1, wherein the electronic device comprises a computer system.

3. (Previously presented) The system of claim 1, wherein the control signals are cursor control signals.

4. (Previously presented) The system of claim 1, wherein the transmitters are configured to generate an identification signal.

5. (Previously presented) The system of claim 1, wherein each one of said transmitters is coupled to a ring.

6. (Currently amended) The system of claim 1, wherein said at least one receiver is attached to ~~adapted to be in communication with~~ a keyboard.

7. (Currently amended) A method of generating control signals for controlling an electronic device comprising:

calculating a three dimensional location of each of at least two transmitters, wherein said transmitters are worn on a user's fingers, and wherein at least two of said transmitters are worn on the same hand; and

generating a control signal based, at least in part, on changes to the calculated three dimensional location of at least one of the transmitters.

8. (Previously presented) The method of claim 7, wherein the changes to the location of at least one of the transmitters comprise changes in the location of the transmitter relative to at least one receiver.

9. (Previously presented) The method of claim 7, wherein the changes to the location of at least one of the transmitters comprise changes in the location of the transmitter relative to at least one other transmitter.

10. (Previously presented) The method of claim 7, further comprising: receiving an identification signal from each of the at least two transmitters wherein the control signal is based, at least in part, on the identification signal.

11. (Previously presented) The method of claim 7, wherein the electronic device is a computer and the control signals control the position of a cursor on a computer display.
12. (Previously presented) The method of claim 7, the transmitters are adapted to be worn on a user's fingers.
13. (Previously presented) The method of claim 7, wherein the electronic device is a personal digital assistant.
14. (Previously presented) The method of claim 7, wherein calculating the three dimensional location comprises measuring a transit time of a signal from each of the at least two transmitters to each of at least three receivers.
15. (Previously presented) The method of claim 7, wherein generating the control signal is based, at least in part, on comparing the changes in location to a user-defined pattern.
16. (Currently Amended) A system for controlling an electronic device comprising:
- at least two transmitters adapted to be worn on a user's fingers, wherein at least two of said transmitters are worn on the same hand;
- at least three receivers configured to receive a signal from the transmitters; and
- a controller configured to generate a control signal based, at least in part, on changes to a location of at least one of the transmitters wherein the controller is configured to calculate the

location of each of the transmitters based on a distance of each of the transmitters measured from each of the receivers.

17. (Previously presented) The system of claim 16, wherein the electronic device is a computer.

18. (Previously presented) The system of claim 16, wherein at least one of the receivers is mounted on said electronic device.

19. (Currently Amended) A system for controlling an electronic device comprising:

means for calculating a three dimensional location of at least two transmitters, wherein said transmitters are worn on a user's fingers, and wherein at least two of said transmitters are worn on the same hand; and

means for generating a control signal based, at least in part, on changes in the location of at least one of the transmitters.

20. (Previously presented) The system of claim 19, wherein said electronic device is a computer.